LUXTEC®

ANCILLARY COAXIAL SYSTEM
INSTRUCTION MANUAL
(NSN 6515-01-290-8949)

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1. HEADLIGHT ASSEMBLY

The headlight assembly consists of a lightweight headband with a quick connect/disconnect headlight module feature, two cable friction-holding clamps, the fiber optic cable with gownclips and up to four interchangeable and detachable fiber optic headlight modules complete with joysticks (See Figure 1). The joystick is used to adjust the direction of the light and should only be pushed or pulled gently.

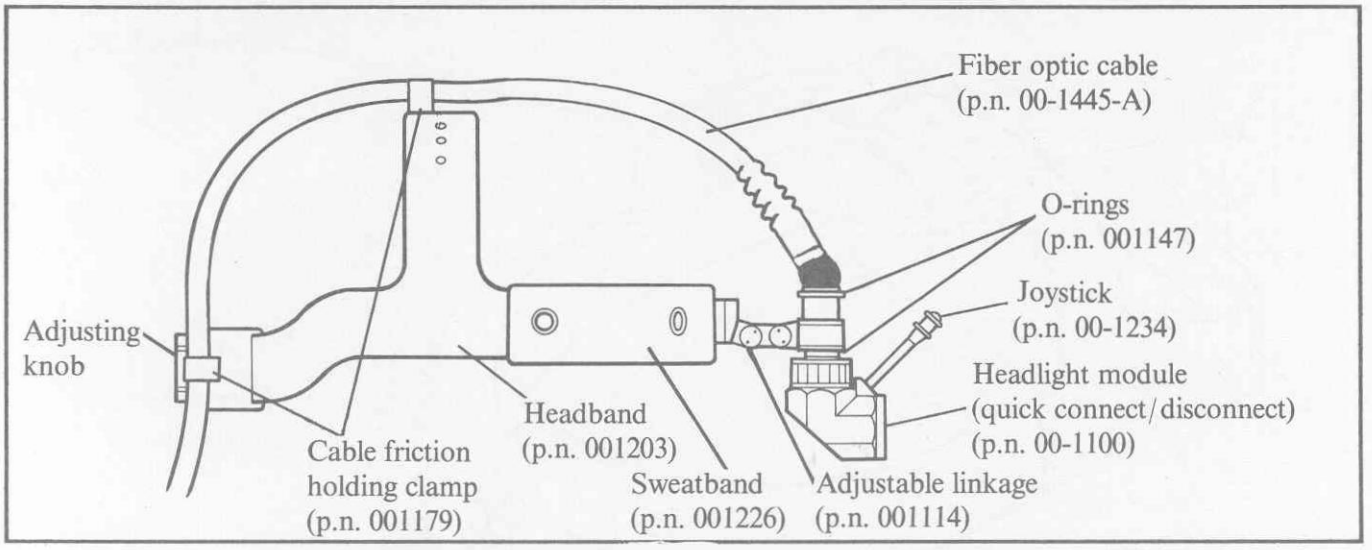

Figure 1. Headband, Headlight and Fiber Optic Cable Assembly

2. ADJUSTMENTS

Place the headband on the head and seat it so that it is comfortable. Adjustments can be made by reaching behind and turning the knob at the rear of the headband until the right size is found (See Figure 2).

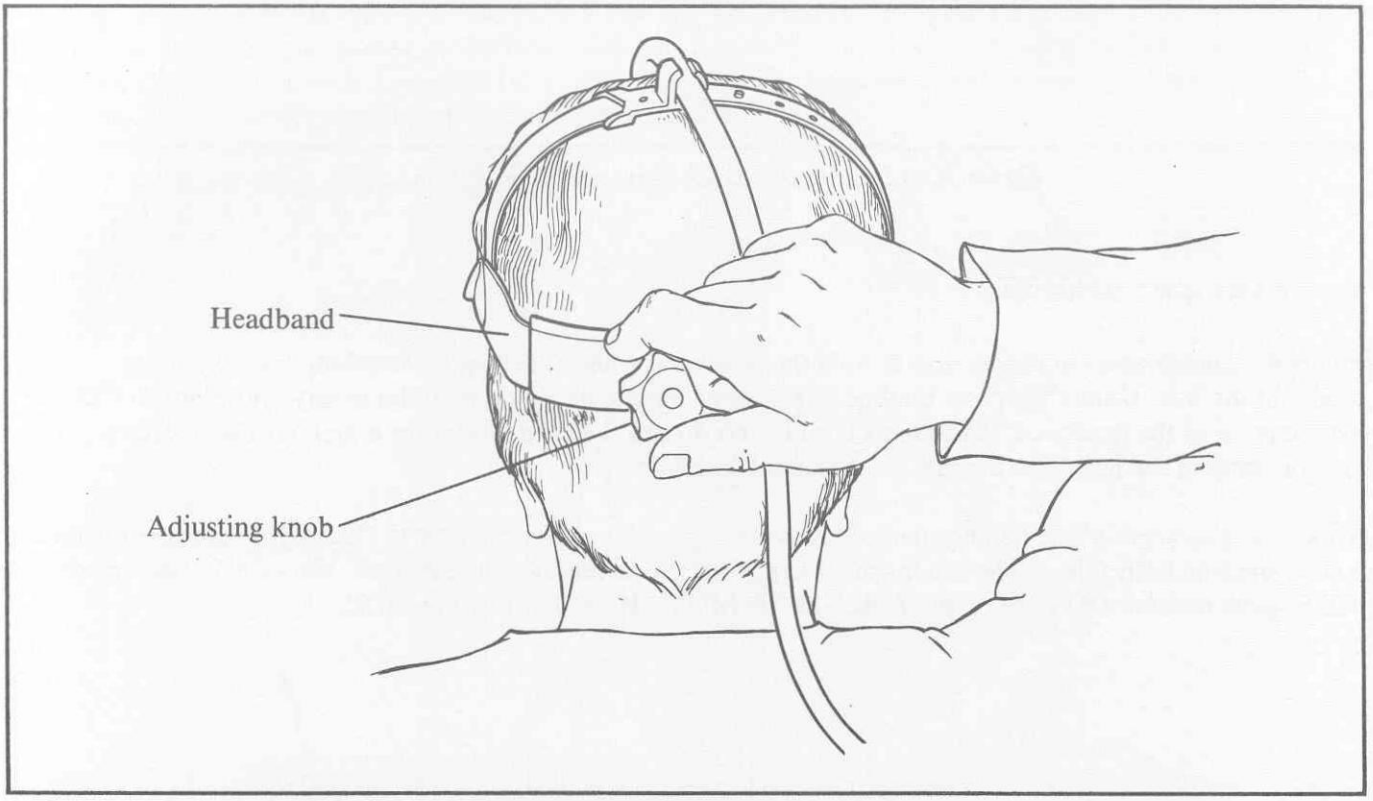

Figure 2. Adjusting the Headband

The cross band is designed to allow for garments (See Figure 3). If it must be adjusted, push out the tab and slide the band until proper fit is made, then replace the tab into the proper hole.

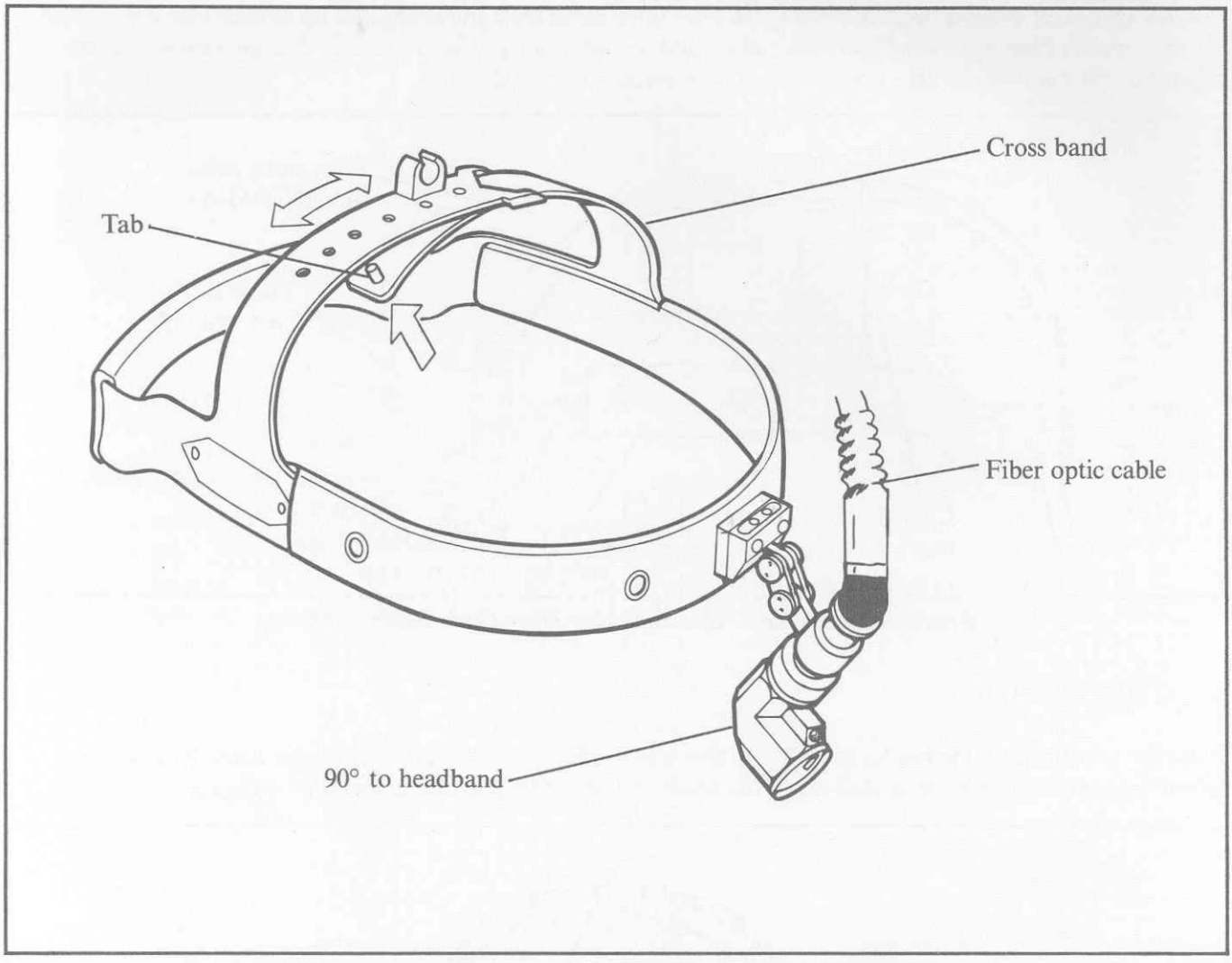

Figure 3. Adjusting the Cross Band and Headlight Module

3. HEADLIGHT REMOVAL

Figure 4 demonstrates the proper way to hold the headband while attaching or detaching the fiber optic headlight module. Using the proper method to attach or replace headlight modules is very important to effective maintenance of the headband. Although LUXTEC constructs the headband to be extremely durable, careless manipulating of the headlight module can break the headband.

Notice the placement of the hand as demonstrated in Figure 4 and observe how the headlight module receptacle is supported on both sides of the headband. When attaching or removing the module, use straight line, steady pull or push motion. DO NOT TWIST, BEND OR MOVE HAND SIDE TO SIDE.

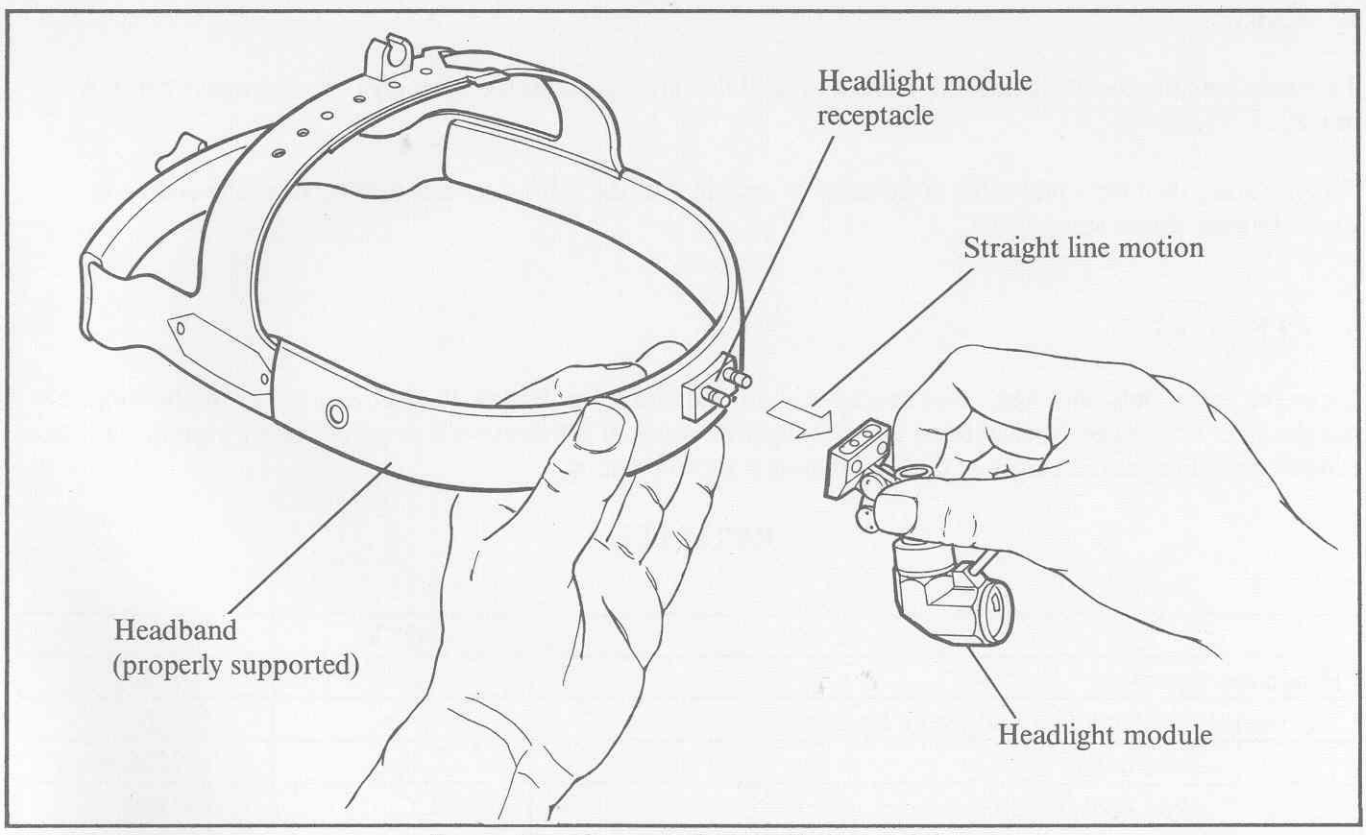

Figure 4. Changing the Headlight Module

4. GOWNCLIP ADJUSTMENT

There are two garment clips supplied with the fiber optic cable for use in relieving the weight of the cable from the headband. The upper clip is attached to the surgical gown just below the shoulder. In Figure 5, notice how there is enough slack in the cable between the clip and the headband so that if the surgeon must bend his head there will be no binding or pulling on the headband. The lower clip is used when the surgeon enters or moves away from the operating area. The cable can be attached from the lightsource and clipped to the surgeon's gown, eliminating risk of dropping or tripping over the cable.

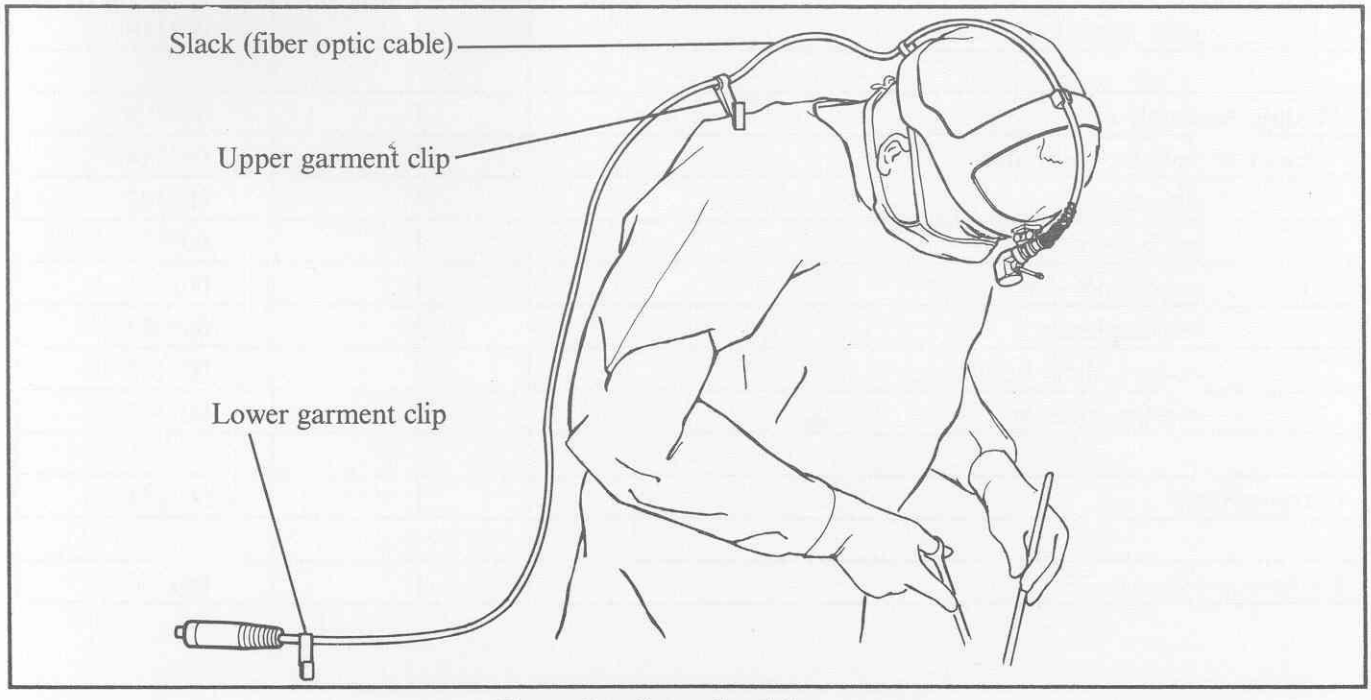

Figure 5. Gownclip Adjustment

5. CARE

To insure long life for the headband, cable and modules, store them in the specially designed case when not in use.

When storing the fiber optic cable in the case, be certain that the cable does not nick by carefully coiling it. Keep the case closed and latched.

6. CLEANING

Clean the optics only with lens tissue available at any camera store. Follow the instructions on the package. Do not disinfect or sterilize the headband and headlight modules. If sterilization is required, apply a gas or radiation process only. Frequent changes of the sweatbands is recommended.

PARTS LIST

	QTY.	P.N.
Headband Assembly	1	001530
contains: headband (with adjusting knob)	1	001203
sweatbands	1 pr.	001206-A
clips, cable holding	2	001179
adapter, quick connect	1	001132
label, serializing	1	001138
Cable Assembly	1	00-1445A-G
contains: gownclips	2	001205
Joystick Assembly	1	00-1234
contains: joystick	1	001120
grip, joystick	1	001118
Module Assembly	1	00-1100
contains: linkage, adjustable	1	001114
objective lens	1	001103
cable insert	1	001110
knob, spot size	1	001111
iris diaphram	1	001093
o-rings, slider body	2	001148
o-rings, module	2	001147
Carrying Case	1	001251
Instruction Manual	1	001170